Ref #	CDC/NIP 1999 Immunization Registry Annual Report Questions	Answers
	Registry Name	NC Immunization Registry (NCIR)
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1.1	What is the registry catchment area?	State : North Carolina
1.2	What age is targeted?	Birth - 18
1.3	What is the type of system? (independent or integrated)	Integrated
1.4	Were different access methods or software used for public versus private sectors? (Yes or No)	Yes
1.5	Who was targeted for enrollment first? (public or private providers)	Targeted public providers first ()
1.6	What are the information technology sources for registry development? (in-house/contracts)	Other ()
1.7	What are the information technology sources for registry maintenance? (in-house/contracts)	Other()
1.8	What entities *submit* data to the registry? (**1**=Vital Records; **2**=Newborn Screening; **3**=Newborn Screening; **4**=Lead Screening; **5**=EPSDT; **6**=Medicaid MIS; **7**=WIC; **8**=Daycare; **9**=Schools; **10**=Community/Migrant; **11**=IHS; **12**=Military; **13**=Public patient management/billing systems; **13**=Private patient management/billing systems; **14**=MCOs; **15**=Other registries)	7, 10, 13,
1.8	What entities *retrieve* data from the registry? (**1**=Vital Records; **2**=Newborn Screening; **3**=Newborn Screening; **4**=Lead Screening; **5**=EPSDT; **6**=Medicaid MIS; **7**=WIC; **8**=Daycare; **9**=Schools; **10**=Community/Migrant; **11**=IHS; **12**=Military; **13**=Public patient management/billing systems; **13**=Private patient management/billing systems; **14**=MCOs; **15**=Other registries)	7, 10, 13, 15
2.1	What data elements are stored? (**a**=patient name; **b**=birthdate; **c**=gender; **d**=birth location; **e**=mother's name; **f**=vaccine type; **g**=vaccine manufacturer; **h**=vaccination date; **i**=lot number)	a, b, c, f, h
2.2	How many weeks from birth to establishment of registry record	
2.3	What are the provider modes of data *retrieval*? (**a**=web; **b**=modem-real time; **c**=modem - batch; **d**=fax-paper; **e**=phone)	b,
2.4	What are the provider modes of data *submission*? (**a**=web; **b**=dial-in - real time; **c**=dial-in - batch; **d**=mail-disc; **e**=mail-paper; **f**=fax-paper; **g**=phone)	b, c, d,
2.5	What are the confidentiality & security measures? (**1**=written conf. Policies; **2**=user agreement; **3**=unauthorized disclosure penalties; **4**=written security policies; **5**=security weakness assessment; **6**=unique user IDS; **7**=central/provider passwords; **8**=access controls; **9**=audit trail; **10**=firewall protection; **11**=encryption protection; **12**=continuous virus checking; **13**=physical security)	1, 2, 3, 4, 6, 7, 9, 12, 13

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2.6	What is included in disaster recovery plan? (**1**=daily backup; **2**=secure backup; **3**= recovery plan successfully tested)	1, 2, 3	
2.7	How are HL7 standards used? (to process messages and return records/to process messages and upload records to database)		
2.8	Does registry automatically determines ACIP-based needs at time of immunization? (Yes or No)	No	
2.9	What are the mode(s) of automated recall notifications? (**1**=a list; **2**=generate notices from central locations; **3**=generate notices from provider locations)		
2.10	What types of coverage reports are generated? (**a**=all kids - entire catchment area; **b**=specific age group; **c**=individual provider/site; **d**=selected geographic subdivision)		
2.11	Does registry produce authorized immunization records? (Yes or No)	Yes	
2.12	What functions ensure data quality? (**1**=chart audits; **2**=can enter historical info; **3**=deduplication; **4**=multiple records consolidated; & following edit checks: **a**=immunization data can=t exceed DOB; **b**=birth/immunization date at least current date; **c**=choices for vaccine type; **d**=choices for lot number)	1, 2, a, b,	
2.13	What additional registry attributes are utilized? (**a**=GIS mapping; **b**=VFC eligibility; **c**=HEDIS reporting; **d**=adverse events reporting; **e**=Contraindications in scheduling algorithm; **f**=vaccine ordering; **g**=Vaccine inventory)	b, c,	
3.1	How many children in the birth cohort?	104,428	
3.2	How many 0-5 year olds in catchment area?	549,276	
3.3	How many 0-5 year olds have at least 1 record in registry?	#: 284,334	%: 51.77%
3.4	How many 19-35 month olds in catchment area?	144,000	
3.5	How many 19-15 month olds have at least 1 record in registry?	#: 89,843	%: 62.39%
3.6	How many 19-35 months olds are up-to-date? (4:3:1 coverage)	#: 0	%: 0.00%
3.7	How many public providers in catchment area?	225	
3.8	How many public providers enrolled in registry?	#: 104	%: 46.22%
3.9	How many private providers in catchment area?	799	
3.10	How many private providers enrolled in registry?	#: 0	%: 0.00%
3.11	How many public and private providers have submitted data in the last 6 months?	#: 104	%: 100.00%